

Serial No.: 10/806,734
Art Unit 2624

Docket PD030039
Customer # 24498

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APR 07 2008

Remarks/Arguments

The Office Action mailed January 31, 2008 has been reviewed and carefully considered.

Claims 15, 16, 17 and 18 have been amended. Claims 15-20 are now pending in this application.

Reconsideration of the above-identified application, as herein amended and in view of the following remarks, is respectfully requested.

Amended claim 15 now refers to a method for arbitrarily selectable scaling of input video images represented by pixels or sub pixels arranged line by line and column by column to produce output video images that can be displayed, the output video images being represented by pixels or sub pixels arranged line by line and column by column, wherein the number of lines and columns in the output video images differ from the number of lines and columns of the input video images.

35 U.S.C. 112 Rejection of Claim 15

Claim 15 stands rejected under 35 U.S.C. 112, as lacking sufficient antecedent basis for the limitation "the output image." Applicant has amended claim 15 to provide ample antecedent basis for this limitation. As now amended, claim 15 complies with 35 U.S.C. 112 and withdrawal of this rejection is requested.

35 U.S.C. § 101 Rejection of Claims 15-20

Claims 15-20 stand rejected under 35 U.S.C. 101 because the claims are directed to non-statutory subject matter. In that regard, the examiner contends that the claims are directed to mere manipulation of data, and do not produce a useful, concrete and tangible result.

Applicant has amended claim 15 to now recite a method for scaling input video images to produce output video images for display. Thus, applicant's amended claim 15 recites a useful, concrete and tangible result, notably an output video image, which can be displayed, and which has a resolution that is different from the resolution of the input

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video image. The scaling of an input video image into an output video image in constitutes a physical transformation that produces a tangible result, i.e., a video image that has a different resolution than the input image. Applicant's claim 15 does not constitute a mere manipulation of data, because scaling of video images is always performed either for display or further processing. The common understanding of the term "video image" is always linked to a representation of a physical object. It is the nature of video signals that they are displayed at some point in time. It does not matter to the invention whether the video signal is displayed immediately after scaling or is recorded first and displayed at a later time.

Adding the term "video" of the term "image" is supported by the background of the invention beginning in line 28 of page 1 of the description, in which the problems of displaying scanned cinematographic film on video screens is addressed. Further support is provided by figure 5 and the description thereof beginning on page 12, line 14 of the originally submitted specification, which shows video signals RGB applied to delay circuits 212, 214, 218 and 222 and to multiplexer 207.

Claims 16, 17 and 18 have also been amended to include the term "video image".

In view of the fact that applicant's amended claims 15-18 now recite physical transformation that yields a useful, tangible and concrete result, these claims recite statutory subject matter. Accordingly, applicant requests withdrawal of the 35 U.S.C. 101 rejection of these claims.

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Conclusion

In view of the foregoing, Applicant respectfully requests that the rejections of the claims set forth in the Office Action of January 31, 2008 be withdrawn, that pending claims 15-20 be allowed, and that the case proceed to early issuance of Letters Patent in due course.

It is believed that no additional fees or charges are currently due. However, in the event that any additional fees or charges are required at this time in connection with the application, they may be charged to applicant's representatives Deposit Account No.07-0832.

Respectfully submitted,
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